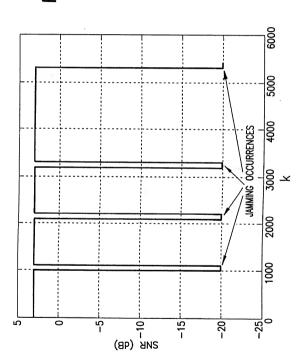
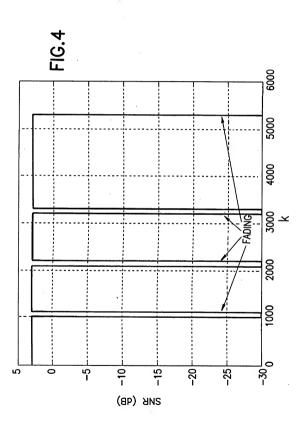
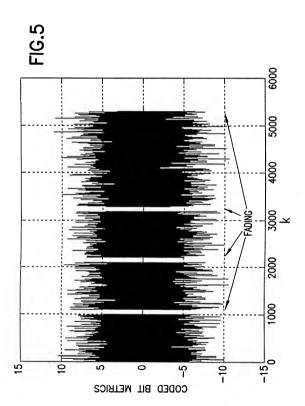


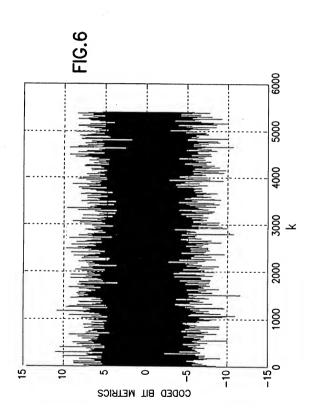
FIG.3

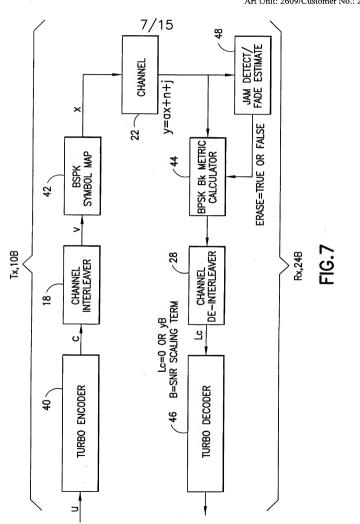


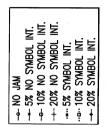


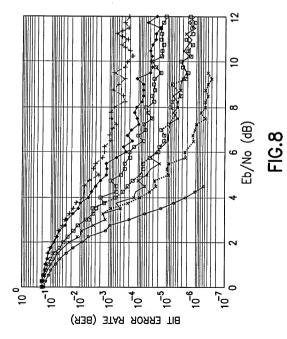
5/15





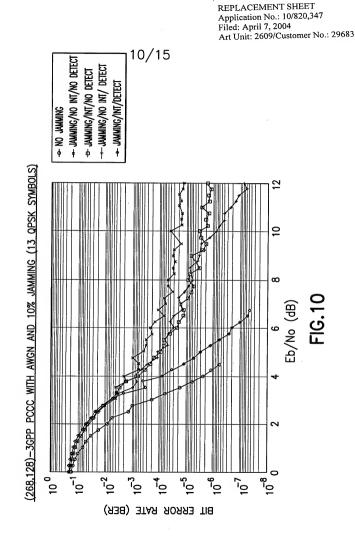


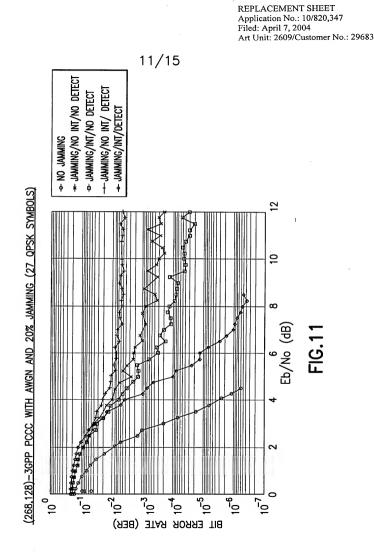


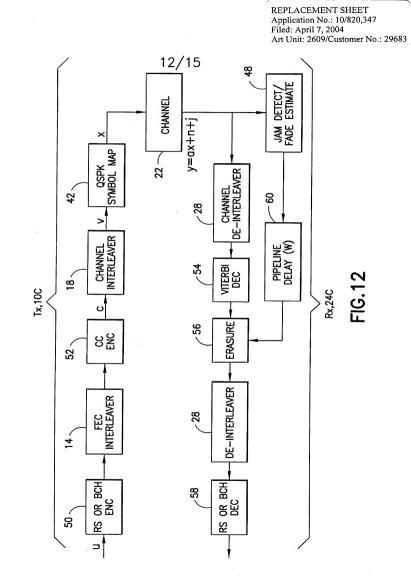


REPLACEMENT SHEET Application No.: 10/820,347 Filed: April 7, 2004 Art Unit: 2609/Customer No.: 29683 9/15 * JAMMING/NO INT/NO DETECT --- JAMMING/NO INT/ DETECT JAMMING/INT/NO DETECT → JAMMING/INT/DETECT ◆ NO JAMMING (268.128)-3GPP PCCC WITH AWGN AND 5% JAMMING (7 QPSK SYMBOLS) 9 ω 6 Eb/No (dB) FIG.9 2 10⁻⁶∟ 100 10⁻² ₺

ERROR RATE







REPLACEMENT SHEET Application No.: 10/820,347 Filed: April 7, 2004 Art Unit: 2609/Customer No.: 29683 13/15 TO FEC DECODER
OR
CHANNEL DE-INTERLEAVER FIG.13 /₂ SNR>T FIG.17 SR あ SNR ESTIMATOR 206 PIPELINE DELAY (L) ĕ 9/ 7 ≓Š . 208 204 202-500 22 CHANNEL

Application No.: 10/820,347 Filed: April 7, 2004 Art Unit: 2609/Customer No.: 29683 14/15 TO FEC DECODER
OR
CHANNEL DE-INTERLEAVER CHANNEL DE-INTERLEAVER FIG.14 TO FEC DECODER OR 88 DELAY DELAY . 82 82 윉 Izl>Zthresh 8 \$ z>Zthresh z>Zthresh 86 88 DEMOD DEMOD 8 92. 46 96 AGC FAST) AGC FAST) 87/ 87 AGC (SLOW) AGC (SLOW) 83 88 82 8 82 8 BG ğ AS ADC FROM RFFE FROM RFFE

REPLACEMENT SHEET

TO FEC DECODER
OR
CHANNEL DE-INTERLEAVER
C1
C1 DELAY 28 |z|>Zthresh 8 FIG.16 88 DEMOD 92, **AVERAGER** 8 82 84 BG ğ